

What is claimed is:

1. A multilayered film comprising:
 - a) a nylon film having first and second surfaces;
 - b) a silicone oil on the first surface of the nylon film; and
 - 5 c) a sealant film on the second surface of the nylon film, which sealant film comprises at least one polyethylene layer, which at least one polyethylene layer either contains an antifog composition, or has an antifog composition coated on a surface thereof.
- 10 2. The film of claim 1 wherein the antifog composition is contained within the polyethylene layer.
3. The film of claim 1 wherein the antifog composition is coated on a surface of the polyethylene layer.
- 15 4. The film of claim 1 wherein the nylon film comprises nylon 6, nylon 66, nylon 6/6,6 or combinations thereof.
5. The film of claim 1 wherein the nylon film comprises nylon 6.
- 20 6. The film of claim 1 wherein the silicone oil comprises a surface active lubricant.
7. The film of claim 1 wherein the silicone oil comprises a
- 25 polydimethylsiloxane material.
8. The film of claim 1 wherein the sealant film comprises a polyethylene layer selected from the group consisting of ultra low density polyethylene, low density polyethylene, linear low density polyethylene, metallocene linear low

density polyethylene, medium density polyethylene and high density polyethylene.

9. The film of claim 1 wherein the sealant film comprises a linear low density
5 polyethylene.

10. The film of claim 1 wherein the sealant film contains an ethylene vinyl alcohol layer.

10 11. The film of claim 1 wherein the sealant film and the nylon film are laminated together via an intermediate adhesive layer.

12. The film of claim 11 wherein the adhesive layer is selected from the group consisting of polyurethanes, epoxies, polyesters, acrylics, anhydride modified
15 polyolefins and combinations thereof.

13. The film of claim 1 wherein the antifog composition comprises one or more materials selected from the group consisting of glycerol monoesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon
20 atoms, glycerol diesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon atoms; ionic surfactants having phosphate, sulfate or quaternary amine functional end groups; and sorbitan esters.

14. The film of claim 1 wherein the nylon film is uniaxially oriented, biaxially
25 oriented or a blown film.

15. The film of claim 1 which nylon film is heat shrinkable.

16. The film of claim 1 further comprising printed indicia on the nylon film.

17. The film of claim 1 which has an oxygen transmission rate of about 0.5 cc/100 in²/day or less at 65% relative humidity at 20°C.

5 18. A multilayered film comprising:

a) a nylon film comprising:

i. a first nylon layer, which first nylon layer has first and second surfaces;

10 ii. an ethylene vinyl alcohol layer, the ethylene vinyl alcohol layer having first and second surfaces and which is positioned such that the first surface of the ethylene vinyl alcohol layer is in contact with the first surface of the first nylon layer;

15 iii. a second nylon layer, which second nylon layer has first and second surfaces, and which is positioned such that the first surface of the second nylon layer is in contact with the second surface of the ethylene vinyl alcohol layer;

b) a silicone oil on the second surface of the second nylon film; and

20 c) a sealant film on the second surface of the first nylon layer, which sealant film comprises at least one polyethylene layer, which at least one polyethylene layer either contains an antifog composition, or has an antifog composition coated on a surface thereof.

19. The film of claim 18 wherein the first and second nylon layers comprise nylon 6, nylon 66, nylon 6/6,6 or a combination thereof.

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20. The film of claim 18 wherein at least one of the first and second nylon layers is corona treated.

21. The film of claim 18 wherein the first nylon layer, the ethylene vinyl

alcohol layer and the second nylon layer are coextruded.

22. The film of claim 18 wherein the antifog composition is contained within the polyethylene layer.

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23. The film of claim 18 wherein the antifog composition is coated on a surface of the polyethylene layer.

24. The film of claim 18 wherein the sealant film comprises a first
10 polyethylene layer, a first adhesive tie layer on the first polyethylene layer, an ethylene vinyl alcohol layer on the first adhesive tie layer, a second adhesive tie layer on the ethylene vinyl alcohol layer, and a second polyethylene layer on the second adhesive tie layer.

15 25. The film of claim 24 wherein the first and second polyethylene layers are selected from the group consisting of ultra low density polyethylene, low density polyethylene, linear low density polyethylene, metallocene linear low density polyethylene, medium density polyethylene and high density polyethylene.

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26. The film of claim 24 wherein the first and second polyethylene layers comprise linear low density polyethylene.

27. The film of claim 18 wherein the silicone oil comprises a surface active
25 lubricant.

28. The film of claim 18 wherein the silicone oil comprises a polydimethylsiloxane material.

29. A multilayered film comprising:

a) a nylon film having first and second surfaces which comprises a layer of nylon 6, nylon 66, nylon 6/6,6 or a combination thereof;

b) a silicone oil on the first surface of the nylon film;

5 c) a sealant film on second surface of the nylon film, which sealant film comprises:

i. a polyethylene layer having first and second surfaces, which polyethylene layer either contains an antifog composition, or has an antifog composition coated on the first surface thereof;

10 ii. a first nylon layer on the second surface of the polyethylene layer;

iii. an optional adhesive tie layer between said polyethylene layer and said first nylon layer, which optional adhesive tie layer attaches the first nylon layer to the polyethylene layer;

iv. an ethylene vinyl alcohol layer on the first nylon layer; and

15 v. a second nylon layer on the ethylene vinyl alcohol layer.

30. The film of claim 29 wherein at least one of the first and second nylon layers is corona treated.

20 31. The film of claim 29 wherein the silicone oil comprises a surface active lubricant.

32. The film of claim 29 wherein the silicone oil comprises a polydimethylsiloxane material.

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33. The film of claim 29 wherein the first and second nylon layers comprise nylon 6, nylon 66, nylon 6/6,6 or a combination thereof.

34. The film of claim 29 wherein the polyethylene layer comprises a linear

low density polyethylene.

35. The film of claim 29 wherein the antifog composition is contained within the polyethylene layer.

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36. The film of claim 29 wherein the antifog composition is coated on a surface of the polyethylene layer.

37. The film of claim 29 wherein the nylon film may comprise a first nylon layer, an ethylene vinyl alcohol layer on a surface of the first nylon layer, and a second nylon layer on a surface of the ethylene vinyl alcohol layer.

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38. A process for forming a multilayered film comprising:

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a) combining a nylon component with a silicone oil component to form a nylon blend;

b) forming a nylon film having first and second surfaces from the nylon blend, which silicone oil component is positioned at the surface of the nylon film;

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c) coextruding a sealant film onto the second surface of the nylon film, which sealant film comprises at least one polyethylene layer, which at least one polyethylene layer either contains an antifog composition, or has an antifog composition coated on a surface thereof.

39. The process of claim 38 wherein the nylon component comprises nylon 6, nylon 66 or nylon 6/6,6.

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40. The process of claim 38 wherein the nylon film comprises a first nylon layer, an ethylene vinyl alcohol layer attached to a surface of the first nylon layer, and a second nylon layer attached to a surface of the ethylene vinyl alcohol layer.

41. The process of claim 40 wherein the first nylon layer, the ethylene vinyl alcohol layer and the second nylon layer are coextruded.
- 5 42. The process of claim 40 wherein the first and second nylon layers comprise a material selected from the group consisting of nylon 6, nylon 66, nylon 666 and combinations thereof.
43. The process of claim 40 further comprising corona treating at least one of
10 the first and second nylon layers.
44. The process of claim 38 wherein the sealant film comprises a polyethylene layer selected from the group consisting of ultra low density polyethylene, low density polyethylene, linear low density polyethylene, metallocene linear low
15 density polyethylene, medium density polyethylene and high density polyethylene.
45. The process of claim 38 comprising blending the antifog composition within the polyethylene layer.
- 20 46. The process of claim 38 comprising coating the antifog composition on a surface of the polyethylene layer.
47. The process of claim 38 comprising laminating together the sealant film
25 and the nylon film via an intermediate adhesive layer.
48. The process of claim 38 wherein the antifog composition comprises one or more materials selected from the group consisting of glycerol monoesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon

atoms, glycerol diesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon atoms; ionic surfactants having phosphate, sulfate or quaternary amine functional end groups; and sorbitan esters.

- 5 49. The process of claim 38 wherein the nylon film is either uniaxially oriented or biaxially oriented, or a blown film.

50. The process of claim 38 further comprising printing indicia on the nylon film.

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51. The process of claim 38 wherein the silicone oil comprises a surface active lubricant.

- 15 52. The process of claim 38 wherein the silicone oil comprises a polydimethylsiloxane material.

53. A process for forming a multilayered film comprising:

- 20 a) forming a nylon film having first and second surfaces;
b) coating a silicone oil onto the first surface of the nylon film;
c) attaching a sealant film onto the second surface of the nylon film, which sealant film comprises at least one polyethylene layer, which at least one polyethylene layer either contains an antifog composition, or has an antifog composition coated on a surface thereof.

- 25 54. A food package which comprises a container having an open portion and a multilayered film sealing the open portion, which multilayered film comprises:
a) a nylon film having first and second surfaces;
b) a silicone oil on the first surface of the nylon film; and
c) a sealant film on the second surface of the nylon film, which sealant film

comprises at least one polyethylene layer, which at least one polyethylene layer either contains an antifog composition, or has an antifog composition coated on a surface thereof.

- 5 55. A packaged food which comprises the food package of claim 54 and a food product in the food package.

56. The packaged food of claim 55 wherein the food product comprises a meat.

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57. A multilayered film comprising:

- a) a nylon 666 film having first and second surfaces;
b) a silicone oil on the first surface of the nylon film; and
c) a sealant film on second surface of the nylon film, which sealant film
15 comprises:

- i. a polyethylene layer having first and second surfaces, which polyethylene layer either contains an antifog composition, or has an antifog composition coated on the first surface thereof;
ii. a first nylon 6 layer on the second surface of the polyethylene layer, which first nylon 6 layer has a silicone oil on a surface thereof;
iii. an adhesive tie layer between said polyethylene layer and said first nylon 6 layer, which adhesive tie layer attaches the first nylon 6 layer to the polyethylene layer;
iv. an ethylene vinyl alcohol layer on the first nylon 6 layer; and
v. a second nylon 6 layer on the ethylene vinyl alcohol layer, which second nylon 6 layer has a silicone oil on a surface thereof;
and wherein the nylon 666 film is attached to the second nylon 6 layer via an intermediate adhesive layer.

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58. A roll of the multilayered film of claim 1.

59. A roll of the multilayered film of claim 18.

5 60. A roll of the multilayered film of claim 29.